

## Electronic Patent Application Fee Transmittal

|   |  |                 |               |                             |
|---|--|-----------------|---------------|-----------------------------|
| <b>Application Number:</b>              | 10712593   |                 |               |                             |
| <b>Filing Date:</b>                     | 13-Nov-2003  |                 |               |                             |
| <b>Title of Invention:</b>              | TECHNIQUE FOR IMPROVING ANTIALIASING AND ADJACENT CHANNEL INTERFERENCE FILTERING USING CASCADED PASSIVE IIR FILTER STAGES COMBINED WITH DIRECT SAMPLING AND MIXING |                 |               |                             |
| First Named Inventor/Applicant Name:    | Khurram Muhammad   |                 |               |                             |
| <b>Filer:</b>                           | Ronald O. Neerings/Elizabeth Austin  |                 |               |                             |
| <b>Attorney Docket Number:</b>          | TI-34776   |                 |               |                             |
| Filed as Large Entity                   |  |                 |               |                             |
| <b>Utility      Filing Fees</b>         |  |                 |               |                             |
| <b>Description</b>                      | <b>Fee Code</b>  | <b>Quantity</b> | <b>Amount</b> | <b>Sub-Total in USD(\$)</b> |
| <b>Basic Filing:</b>                    |  |                 |               |                             |
| <b>Pages:</b>                           |  |                 |               |                             |
| <b>Claims:</b>                          |  |                 |               |                             |
| <b>Miscellaneous-Filing:</b>            |  |                 |               |                             |
| <b>Petition:</b>                        |  |                 |               |                             |
| <b>Patent-Appeals-and-Interference:</b> |  |                 |               |                             |
| Post-Allowance-and-Post-Issuance:       |  |                 |               |                             |
| Utility Appl issue fee                  | 1501   | 1               | 1440          | 1440                        |
| Publ. Fee- early, voluntary, or normal  | 1504   | 1               | 300           | 300                         |

| Description        | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
|--------------------|----------|----------|--------|----------------------|
| Extension-of-Time: |          |          |        |                      |
| Miscellaneous:     |          |          |        |                      |
| Total in USD (\$)  |          |          |        | 1740                 |